



RHEEM



PERMANENT PROTECTION FROM A PROVEN PERFORMER.

Rheem, a trusted brand for over 80 years, is proud to offer the SEREGEN™ 50 Series of Home Generator Systems. Featuring an affordable 10kW generator, these systems offer fully automatic operation whether you are home or away and provide a permanent connection to natural gas or propane for uninterrupted operation.

Take charge before the power goes out. From product sizing, selection and delivery to installation and service, trust the experts at Rheem to safeguard your home and family.



SEREGEN™ 50 Series

Fully Automatic – Advanced electronics will detect a utility power outage and automatically start the generator whether you are home or away.

Continuous Fuel Supply – A permanent connection to natural gas or propane delivers uninterrupted performance with no messy gasoline storage and refueling.

Contemporary, Space-Saving Design – Offers a compact yet functional design for location flexibility and an attractive, subtle yard presence.

Durable Outdoor Enclosure – Features professional rust-proofing and premium automotive paint for maximum durability and all-weather protection.

Computer-Friendly Power – Advanced alternator technology provides safe and stable power for computers and other sensitive electronics.

Legendary Service & Support – From professional sizing and selection to installation and service, trust the proven experts at Rheem for complete peace of mind.

Turn Key Extras – Includes a battery charger, hour meter, and installation pad. The engine also comes pre-filled with synthetic oil and is broken in at the factory, saving you time and money.

3 Year Limited Warranty – Your guarantee of quality and performance.



Model Number	SEREGEN™ 50 GEN10AD
Watts LP/NG	10,000W / 9,000W
Starting Watts LP/NG	12,500W / 11,250W
Engine	570cc Vanguard™ V-Twin
Operation	Fully Automatic
Voltage	120/240V AC, Single Phase, 1.0 pf
Amps LP/NG	41.6/52.0 (LP), 37.5/46.9 (NG)
Alternator Type	Automatic Voltage Regulator
Full Pressure Lubrication	Yes
Fuel Type	Propane (LP Vapor), Natural Gas
Fuel Consumption* (at 1/2 Load)	0.96 gal/hr (LP) 84.0 ft ³ /hr (NG)
Weekly Exerciser	Yes
Sound Rating (under normal operation)	71 dB
Sound Attenuation	Sound Shield™ Technology
Battery Charger	Yes
Overcrank Protection	Yes
Hour Meter	Yes
Diagnostic Alerts with Remote System Status	Low Battery Voltage, Low Oil Shutdown, Low Voltage, Fail to Start, Low Frequency, Engine Overspeed, High Temperature, Transfer Switch
Dimensions (LxWxH)	24.5" x 30.375" x 33.5" (including base)
Weight (generator only)	290 lbs.
Warranty	3 Year Limited

* Fuel consumption rates are estimated based on normal operating conditions at 1/2 load. Generator operation may be greatly affected by elevation and the cycling operation of multiple electrical appliances – fuel flow rates may vary depending on these factors.

Transfer Switch Specifications (Sold Separately)	
Model Number	TS509C
Common Features	120/240 Voltage, 2 Poles, 60 Frequency, Nema 3R Indoor/Outdoor Enclosure, UL 1008 Listed
Circuits	10
Amps	50A
Service Entrance Disconnect	No
Dimensions (LxWxH)	14.25" x 6" x 21"
Weight	30 lbs.

Performance Upgrades Available



COLD WEATHER KIT: An oil heater and battery warmer are both thermostatically controlled to heat up when the temperature drops, ensuring smooth starting and engine operation. Part #: 6030



MAINTENANCE KIT: Includes special UL air filter, pre-cleaner, spark plugs, oil filter, and synthetic oil. Part #: 6035

Premium-Grade Power

At the heart of each SEREGEN™ 50 Series Home Generator System is a Vanguard™. These engines are designed to meet the requirements of the most demanding applications. These durable engines feature superior balance and low vibration for extended life, minimal maintenance, easier starting and lower noise levels - perfect for years of dependable power.

